



KCStat Follow-Up Memo

Housing KCStat Meeting

September 11th, 2018 8:30 AM

Full presentation and link to video (when available) can be found here: <http://kcmo.gov/kcstat/meetings>

Live-tweet stream can be found by searching Twitter for #kcstat

The September 11 KCStat meeting focused on reporting progress toward the objectives and strategies under the goal of Infrastructure and Transportation, as outlined in the 2017 Update to the Citywide Business Plan. Major discussion points, follow-up items, and data questions are summarized below, organized around the Infrastructure and Transportation objectives and strategies. Follow-up items will be discussed at the next Infrastructure and Transportation KCStat meeting, which is anticipated in early 2019. For questions, please contact Kate Bender (kate.bender@kcmo.org).

Objective 1

Enhance the City's connectivity through a safe, efficient, convenient, and sustainable multi-modal transportation system.

Strategy A

Seek and implement Smart City opportunities and operationalize technologies.

- Wi-Fi usage in the Smart City corridor has been very well-used, with adaption rates (opt-in usage) above average. Usage and revenue are expected to follow system expansion, with 12 kiosks now accessible on the campus of University of Missouri-Kansas City and 12 more new kiosks soon to become available at Kansas City International Airport.
- The City has 6 participants for the third class of the Innovation Partnership Program, which is being modelled across other cities. Demo day will be during Tech Week on October 8, 2018.

Strategy B

Optimize the City's transit investment, through existing and new transit service such as the streetcar, RideKC activities, MAX bus services, and others through routes, north-south and east-west.

- Resident satisfaction trends for KCATA bus service are largely related to ridership; riders are more likely to be satisfied, and KCATA most frequently hears issues with not enough service.
- Construction on the new Prospect MAX bus rapid transit line is underway, with service anticipated to begin by December 2019. The concept behind this project has been for KCATA to take a more holistic approach toward the corridor and to be a good community partner. A new transit center at 12th and Charlotte will be the anchor of the Prospect MAX, and will replace the 10th and Main transit center.
- A study is underway of Independence Avenue as a potential future bus rapid transit line, with a plan to seek federal funding in 2019/2020.
- High variation in streetcar ridership has added additional, unforeseen demand on the streetcar maintenance team, but they have nevertheless continued to meet fleet maintenance goals. Additional vehicles are expected next year, which will help.
- Daily average streetcar ridership continues to exceed original projections.
- With regard to the southern expansion of the streetcar corridor on Main Street, a data-driven process was undertaken to understand the best lane solution (outside or inside) and possible trade-offs. Based on this analysis, the outside lane orientation was determined to be the most widely supported solution by the local business community and residents. Outside lanes will provide pedestrians with better access from the curb, overflow space on the sidewalk and a safer waiting zone than a central lane.

Strategy C

Develop a plan to enhance pedestrian connectivity through sidewalk repair, replacement, and gap removal, in conjunction with GO KC bond funding.

- Public Works continues to pursue sidewalk projects based on the 311 request backlog from prior to December 2016. Residents can now track the progress of the 79 GO Bond Year 1 sidewalk repair projects at KCMO.gov/sidewalks.
- An RFP has been issued for sidewalk inspections to assist in completing the systematic inspections that will be used to identify GO Bond projects after the backlog is completed.
- ADA curb ramp repair continues, with 240 ramps targeted for repair this year, which will take the backlog of unramped corners to less than 2,000.

Strategy D

Update and implement the Bike KC Trails Plan.

- A five-year implementation plan has been developed for Bike KC that includes 3 phases – project underway, key linkages, and upgrades to existing infrastructure.
- Active transportation options have increased, with Bird scooters resulting in 21,983 unique rides taking 68,625 rides since their mid-July launch; a new scooter vendor, Lime, also launched in Kansas City on Tuesday, September 11th.
- The demand for more buffered and protected bike lanes in the downtown core in order to provide a safe multi-modal transit environment is rapidly growing in Kansas City as a result of the rising volume and accessibility of shared active transportation, scooters, etc.

Objective 2

Develop environmentally sound and sustainable infrastructure strategies.

Strategy A

Develop a citywide climate and man-made resiliency plan to safeguard and restore critical City buildings and infrastructure.

- The New American Road Trip will be stopping in KC on September 21st, 2018, to highlight the stories of local government and local business regarding their sustainability and climate change efforts.
- **FOLLOW-UP:** Explore possibility of collaborating with Johnson County on a joint proposal of funding for a citywide climate resilience plan. (Office of Environmental Quality)

Strategy B

Update and implement the City's Climate Protection Plan to include Envision Sustainable practices, the Envision Sustainable Infrastructure Rating System, and other measures.

- The updated greenhouse gas emissions inventory, a crucial first step to the Climate Protection Plan update, is expected in upcoming weeks. Initial numbers indicate that there may be a significant decline in emissions due to both decrease in energy use and increased cleanliness of fuel mix.
- KCP&L expects to hear from the Public Service Commission by the end of 2018 about their request for a renewable energy rider, which would make it possible for the city to pursue additional clean energy initiatives.
- **FOLLOW-UP:** Present updated greenhouse gas emissions data. (Office of Environmental Quality)

Strategy C

Identify and invest in greenfield areas that capitalize on natural features, promote unique development patterns, build civic space, and promote sustainable design and construction.

- This strategy has been completed with integration of these principles into updated area plans throughout the City. Moving forward, these principles will continue to be integrated into the update to the Comprehensive Plan.

Strategy D

Reduce financial impacts of the City's Smart Sewer Program by proactively working with EPA to adjust the timeline for project completion and proposing additional green infrastructure solutions.

- The third consent decree modification is underway with EPA; it includes a focus on creating a more financially sustainable plan by using existing infrastructure to meet water quality goals. The estimated agreement date for this modification is January 2019.

Strategy E

Implement the City's Smart Sewer Program to meet the City's federal consent decree requirements.

- The City is currently 8 years and \$500 million into a 25-year, \$4.6 billion project. However, the third modification that is underway could substantially impact the projected scope, schedule, and funding.
- The Keep Out the Rain program has completed almost 30,000 evaluations on approximately 70,000 eligible properties. Customer satisfaction with the program is 99% and the program has resulted in an estimated 50% in savings (\$1.20 versus \$.62/gallon of inflow and infiltration removed) to the City.
- Sewer system data has increased from 80 gigabytes in 2017 to 5,300 gigabytes in 2018 as a result of the Smart Sewer program. The data from the newer sensors has helped identify the segments of the system that are at a higher risk of breaks and prioritized work for rehabilitation. KC's Smart Sewer program is being recognized nationally and internationally.

Objective 3

Engage in efforts to strategically invest in the City's infrastructure.

Strategy A

Develop an infrastructure asset management plan that maximizes the useful life of all assets and meets federal requirements.

- The city is pursuing 174 lane miles of resurfacing and 35 lane miles of microsurfacing in 2018. However, with the current annual allocation of maintenance dollars (\$10 million) it is anticipated that the street system condition will continue to decline with more street segments rated as poor or below.
- The current repair project for the Buck O'Neil Bridge is addressing short-term issues while the replacement plan is underway; it is scheduled to be completed in December 2018. A federally required environmental assessment is underway to determine project impacts of replacement; estimated cost is \$204 million.
- Missouri Proposition D is a proposed gas tax that will be on the ballot on the November 6th, 2018 election. Proposition D proposes an increase in the fuel tax of 2.5 cent per gallon annually in Missouri for four years. The City of Kansas City, Missouri is estimated to receive approximately \$7 million annually at the end of the four years if the proposition passes.
- The Parks and Recreation Department is current building 3 new playgrounds and 2 athletic field improvements, with a new sprayground recently completed. In 2018, 880 trees were planted this spring and 1,015 are projected to be planted this fall.
- Water Services is maintaining its goal for water main miles replaced (28 miles annually) but is projecting an increase in water main breaks this fiscal year.
- Water Services completed a Wastewater Reuse Feasibility Study that identified a positive business case outcome of deferring investment in treatment capacity by a decade.
- Water Services is pursuing construction of a thermal hydrolysis system for the Blue River Wastewater Treatment Plant. The project will recover energy by eliminating incineration of solids and the related emissions, and will sterilize the resulting biosolids to produce a Class A product that can be marketed.

- **FOLLOW UP:** Review progress of the implementation of the Tree Champions Group strategy. (Parks and Recreation Department)

Strategy B

Implement a plan to expand the public art program to a broader category of assets, with the inclusion of the maintenance of those efforts.

- No update was provided on the program at this meeting.
- **FOLLOW UP:** Update on the public art program's staff transition and overall progress of the strategy. (General Services Department)

Strategy C

Implement the City's Americans with Disabilities Act (ADA) plan to meet the Department of Justice's settlement agreement and ensure that all projects meet ADA standards.

- The Transition Plan is almost complete and will be submitted to the Department of Justice later this fall.
- City Hall ADA elevator upgrades with the new destination elevator prototype keypad will be carried out between November 2018 and January 2019.
- Based on the City's progress on its ADA plan, the Department of Justice has released the City from reporting to DOJ on its progress on the American with Disabilities Act plan's settlement agreement. The City is still responsible for following through on the conditions of the settlement agreement.

Objective 4

Increase and support local workforce development and minority, women, and locally-owned businesses.

Strategy A

Utilize advertisements, the Annual Capital Improvement Overview, and City-sponsored learning opportunities to increase awareness and response to City-issued Requests for Qualifications/Proposals (RFQ/Ps).

- The City continues to exceed its annual targets for the payments awarded annually to minority-owned and/or women-owned businesses for construction contracts and professional services contracts. The disparity study raised targets in FY18-19.
- The Human Relations Department now offers its radio and TV show in Spanish to reach a broader number of residents.
- Various ordinances are being considered by the City Council to modify the MWBE programs based on the 2017 disparity study recommendations
- **FOLLOW UP:** Report out on payments awarded annually to small local business enterprises (SLBE) as well as any modifications to MWBE programs. (Human Relations Department)

Strategy B

Update and implement Workforce Strategic Plans on all City and statutory agencies' projects.

- Workforce strategic plans are contingent on completion of the City's Construction Workforce Disparity Study to identify availability of workers in the community. The study is underway and results are anticipated for Winter 2018/Spring 2019.
- **FOLLOW UP:** Report out on results from Construction Workforce Disparity Study and any related recommendations.

Strategy C

Develop and implement Community Benefit Agreements and local preference plans for use in City and statutory agency projects.

- This is contingent on Workforce Disparity Study (see update above).